



## *Report to the Auburn City Council*

Action Item

Agenda Item No. **5**City Manager Approval  

**To:** Mayor and City Council Members  
**From:** Bernie Schroeder, Director of Public Works  
Megan Siren, Administrative Analyst  
**Date:** August 22, 2011  
**Subject:** Auburn Oaks Lift Station – Environmental Determination and Permission to Advertise

### *The Issue*

Shall the City of Auburn move to find the Falcons Point Lift Station Project exempt from the California Environmental Quality Act (CEQA) and authorize the Director of Public Works to advertise?

### *Conclusion and Recommendation*

Staff recommends that the City Council:

1. By **RESOLUTION**, find the Auburn Oaks Lift Station Project categorically exempt from the California Environmental Quality Act (CEQA) per Section 15301 (Existing Facilities); Section 15302 (Replacement or Reconstruction); Section 15303 (New Construction or Conversion of Small Structures).
2. By **MOTION**, authorize the Director of Public Works to advertise for the Auburn Oaks Lift Station Project.

### *Background*

The Auburn Oaks Lift Station Project involves upgrading the existing 24-year old sewer lift station to improve its reliability, standardize its features with other pump stations in town. The upgrade project include a new concrete wet well, new valve vault, new control panel and telemetry (alarms), a masonry block building housing a new emergency generator, and expansion of the site pad and fencing to accommodate these new facilities.

The Auburn Oaks Lift Station was originally constructed in 1987 and services 90 homes within the Auburn Oaks Subdivision and is now in need of operational upgrades and replacement of pumps to remain in compliance with new Regional Water Quality Control Board standards for lift stations. NexGen Utility Management is in the final stages of the plans and specifications for the Auburn Oaks Lift Station Project. The construction cost estimate is \$600,000.

In July 2011, the City mailed informational flyers to all residents of Auburn Oaks as well as homes along Peregrine Way that can see the station from their property. The flyers described the proposed project and requested interested parties to attend a public workshop on Thursday July 7<sup>th</sup>,

2011. The workshop was attended by three residents, including the President of the HOA. The comments from the residents were incorporated into the design of the project.

The project schedule shows the project being awarded near November 2011 with the project completed by July 2012.

**Alternatives Available to Council; Implications of Alternatives**

1. Proceed with Staff Recommendation
2. Do not proceed with staff recommendation

**Fiscal Impact**

The City's 2011-2012 Budget includes this project in the Sewer Enterprise Fund with a budget of \$900,000. Design, construction and construction administration is estimated to be within \$900,000.

**Attachments:**

Auburn Oaks Lift Station– Site Plan  
Auburn Oaks Lift Station – Proposed Design  
Engineers Estimate  
Resolution

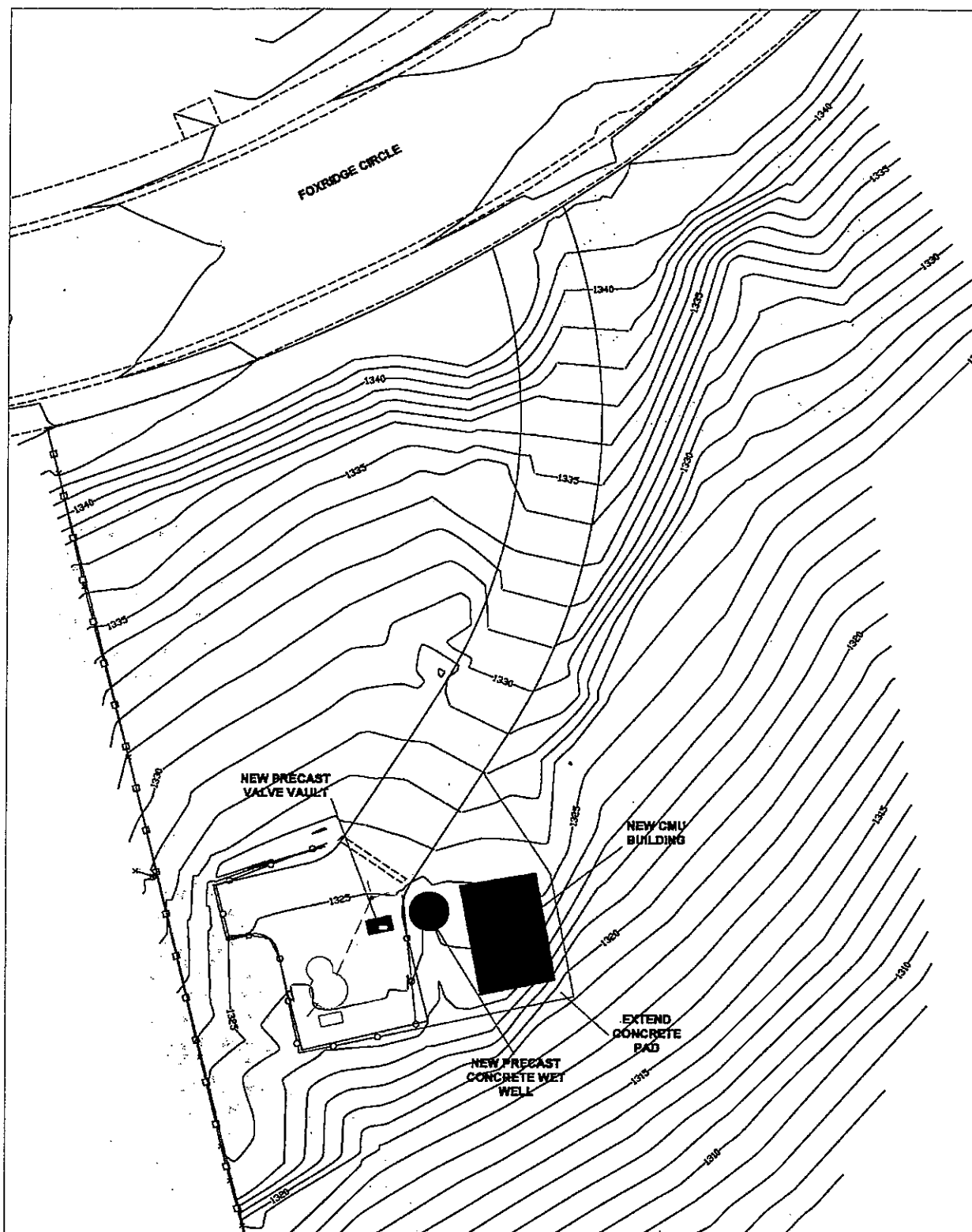


Figure 2  
General Layout of the Upgraded Auburn Oaks Lift Station



Figure 3  
Existing Auburn Oaks Lift Station (from Foxridge Circle)



Figure 4  
Rendering of Auburn Oaks Lift Station After Upgrades (from Foxridge Circle)

**City of Auburn**  
**Auburn Oaks Pump Station Upgrade**  
**Opinion of Probable Construction Costs**

	Item	Unit	Unit Cost	Quantity	Subtotal
<b>A</b>	<b>EARTHWORK</b>				
	New Wet Well, Man Hole, Valve Vault, and FM Connection	CY	\$50.00	100	\$5,000.00
	Shoring	EA	\$5,000.00	1	\$5,000.00
	Import Fill/ Place Material	CY	\$18.00	400	\$8,400.00
	Site grading and compaction	SF	\$1.00	2000	\$2,000.00
	Keystone Retaining Wall	SF	\$60.00	480	\$28,800.00
				<b>Subtotal A</b>	<b>\$47,200.00</b>
<b>B</b>	<b>UTILITIES</b>				
	Utility trench and backfill	LF	\$25.00	100	\$2,500.00
				<b>Subtotal B</b>	<b>\$2,500.00</b>
<b>C</b>	<b>ROADWAYS</b>				
	3" AC	SF	\$2.00	2400	\$4,800.00
	8" AB	SF	\$3.00	2400	\$7,200.00
	Additional fencing and new gate	SF	\$10.00	600	\$6,000.00
				<b>Subtotal C</b>	<b>\$18,000.00</b>
<b>D</b>	<b>REHABILITATION OF EXISTING WET WELL</b>				
	Remove Existing Wet Well pumps and Accessories	EA	\$2,500.00	1	\$2,500.00
	Fill wet well with sand, plug lines	EA	\$3,000.00	1	\$3,000.00
				<b>Subtotal D</b>	<b>\$5,500.00</b>
<b>E</b>	<b>ELECTRICAL</b>				
	Electrical and Plant Controls	EA	\$140,000.00	1	\$140,000.00
	Concrete Pad (Transformer)	EA	\$1,200.00	1	\$1,200.00
				<b>Subtotal E</b>	<b>\$141,200.00</b>
<b>F</b>	<b>SANITARY SEWER FACILITIES AND LIFT STATION</b>				
	New Wet Well - Base, Barrell, & Top with Access Hatch	EA	\$40,000.00	1	\$40,000.00
	Sewer MH - 48"	EA	\$3,500.00	3	\$10,500.00
	Sewer Drop Connection - 8"	EA	\$850.00	2	\$1,700.00
	New Flygt Pumps and Controls	EA	\$93,312.00	1	\$93,312.00
	New Valve Vault	EA	\$16,250.00	1	\$16,250.00
	Sewer Pipe - 4"	LF	\$30.00	20	\$600.00
	Sewer Pipe - 8"	LF	\$45.00	80	\$2,700.00
	Sewer Force Main - 4"	LF	\$30.00	40	\$1,200.00
	Site Concrete	CY	\$245.00	10	\$2,450.00
	CMU Building (8" CMU Block)	EA	\$13,500.00	1	\$13,500.00
	Building Slab-On-Grade	EA	\$4,850.00	1	\$4,850.00
	Roofing (Truss, Appurtenances, Shingles)	EA	\$12,882.00	1	\$12,882.00
	Chain Operated Rolling Door	EA	\$6,245.00	1	\$6,245.00
	Painting	LS	\$16,580.00	1	\$16,580.00
	Generator, Installation, Setup	EA	\$98,295.00	1	\$98,295.00
	18" Shutter Mounted Speed Controllable Exhaust Fan	EA	\$1,273.00	1	\$1,273.00
	Extruded Aluminum Architectural Louver	EA	\$3,500.00	2	\$7,000.00
	4" Generator Exhaust Piping (Schedule 40 Black Pipe)	LF	\$65.00	10	\$650.00
	Sewer - Connect to Existing	EA	\$1,500.00	1	\$1,500.00
				<b>Subtotal F</b>	<b>\$291,267.00</b>
<b>G</b>	<b>DEMOBILIZATION</b>				
	Demobilization	EA	\$5,000.00	1	\$5,000.00
				<b>Subtotal G</b>	<b>\$5,000.00</b>
<b>H</b>	<b>MOBILIZATION</b>				
	Bonding	EA	\$8,000.00	1	\$8,000.00
	Mobilization	EA	\$10,000.00	1	\$10,000.00
				<b>Subtotal H</b>	<b>\$18,000.00</b>
<b>I</b>	<b>WATER</b>				
	Connect to Existing - Water	LS	\$500.00	1	\$500.00
	Water Service Valve Box	EA	\$250.00	1	\$250.00
	Water Service (without meter) - 1"	LF	\$20.00	20	\$400.00
				<b>Subtotal I</b>	<b>\$1,150.00</b>
<b>J</b>	<b>ADDITIONAL COSTS (List)</b>				
	SWPPP	LS	\$5,000.00	1	\$5,000.00
	Landscaping	LS	\$3,000.00	1	\$3,000.00
	Bypass Pumping	LS	\$5,000.00	1	\$5,000.00
	Dewatering	LS	\$0.00	1	\$0.00
	Rock Excavation	LS	\$0.00	1	\$0.00
				<b>Subtotal J</b>	<b>\$13,000.00</b>
<b>SUMMARY OF CONSTRUCTION COSTS</b>					
<b>A</b>	<b>EARTHWORK</b>				<b>\$47,200.00</b>
<b>B</b>	<b>UTILITIES</b>				<b>\$2,500.00</b>
<b>C</b>	<b>ROADWAYS</b>				<b>\$18,000.00</b>
<b>D</b>	<b>REHABILITATION OF EXISTING WET WELL</b>				<b>\$5,500.00</b>
<b>E</b>	<b>ELECTRICAL</b>				<b>\$141,200.00</b>
<b>F</b>	<b>SANITARY SEWER FACILITIES AND LIFT STATION</b>				<b>\$291,267.00</b>
<b>G</b>	<b>DEMOBILIZATION</b>				<b>\$5,000.00</b>
<b>H</b>	<b>MOBILIZATION</b>				<b>\$18,000.00</b>
<b>I</b>	<b>WATER</b>				<b>\$1,150.00</b>
<b>J</b>	<b>ADDITIONAL COSTS (List)</b>				<b>\$13,000.00</b>
	<b>SUBTOTAL - ENGINEER'S ESTIMATE</b>				<b>\$542,817.00</b>
	<b>10% CONTINGENCY</b>				<b>\$54,281.70</b>
	<b>TOTAL CONSTRUCTION COST (Rounded)</b>				<b>\$597,098.70</b>

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RESOLUTION NO. 11-  
RESOLUTION TO FIND THE AUBURN OAKS LIFT STATION PROJECT EXEMPT  
FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

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THE CITY COUNCIL OF THE CITY OF AUBURN DOES HEREBY RESOLVE:  
That the Auburn Oaks Lift Station Project is categorically exempt from the  
California Environmental Quality Act (CEQA) per Section 15301 (Existing  
Facilities); Section 15302 (Replacement or Reconstruction); Section 15303  
(New Construction or Conversion of Small Structures).

DATED: August 22, 2011

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William W. Kirby, M.D., Mayor

ATTEST:

\_\_\_\_\_  
Joseph G. R. Labrie, City Clerk

I, Joseph G. R. Labrie, City Clerk of the City of Auburn, hereby certify  
that the foregoing resolution was duly passed at a regular meeting of the City  
Council of the City of Auburn held on the 22nd day of August 2011 by the  
following vote on roll call:

Ayes:  
Noes:  
Absent:

\_\_\_\_\_  
Joseph G. R. Labrie, City Clerk